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Attorney Docket No. 71715 letter

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Fries, et al.

Serial No.: 09/976,776

Filed: October 12, 2001

For: **FLUID FLOW PATH FOR A
FLUID TREATMENT SYSTEM
USING LIGHT FOR THE
DECONTAMINATION OF FLUID
PRODUCTS**

Group Art
Unit: 3762

Examiner: TBD

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) Scott J. Menghini
) Registration No. 42,880
) Attorney for Applicant(s)

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**PETITION UNDER 37 C.F.R. § 1.182
REQUESTING ENTRY OF DRAWINGS IN A
PATENT APPLICATION PUBLICATION**

BOX PGPUB DRAWINGS
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Applicant hereby petitions and requests that the enclosed formal drawings be entered and included in the patent application publication for the above-identified patent application.

The Commissioner is hereby authorized to charge the Petition Fee of \$130.00 as set forth in 37 C.F.R. § 1.17(h) as provided in the attached Fee Transmittal Form.

2-14-2002 TEBAA-1 00000131 051135 09976776
1 71438 130.00 Dr

Respectfully submitted,

Scott J. Menghini
Reg. No. 42,880
January 31, 2002

Address all correspondence to:
Scott J. Menghini
FITCH, EVEN, TABIN & FLANNERY
Suite 1600
120 S. La Salle Street
Chicago, IL 60603
(858) 552-1311

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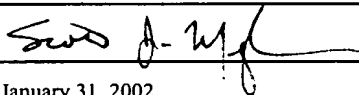
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/976,776	
	Filing Date	Oct 12, 2001	
	First Named Inventor	Fries, William M.	
	Group Art Unit	3762	
	Examiner Name	TBD	
Total Number of Pages in This Submission	24	Attorney Docket Number	71715

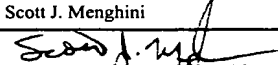
ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Duplicate of Fee Transmittal Form
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual name	Scott J. Menghini, Reg. No. 42,880
Signature	
Date	January 31, 2002

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FEE TRANSMITTAL		Complete if Known	
for FY 2002		Application Number	09/976,776
Patent fees are subject to annual revision.		Filing Date	10/12/2001
		First Named Inventor	Fries, William M.
		Examiner Name	TBD
		Group Art Unit	3762
		Attorney Docket No.	71715
TOTAL AMOUNT OF PAYMENT (\$)		130.00	

METHOD OF PAYMENT 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number: 06-1135 Deposit Account Name: Fitch, Even, Tabin & Flannery <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		FEE CALCULATION (continued) 3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td>130.00</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td align="right" colspan="5">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) (\$) 130.00</td> </tr> </tbody> </table>		Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner	130.00	123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$) 130.00
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Scott J. Menghini	Registration No. (Attorney/Agent)	42,880
Signature		Telephone	858-552-1311
		Date	January 31, 2002

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Application No. 09/976,776 Attorney Docket No. 71715

[illegible]

FIG. 1

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

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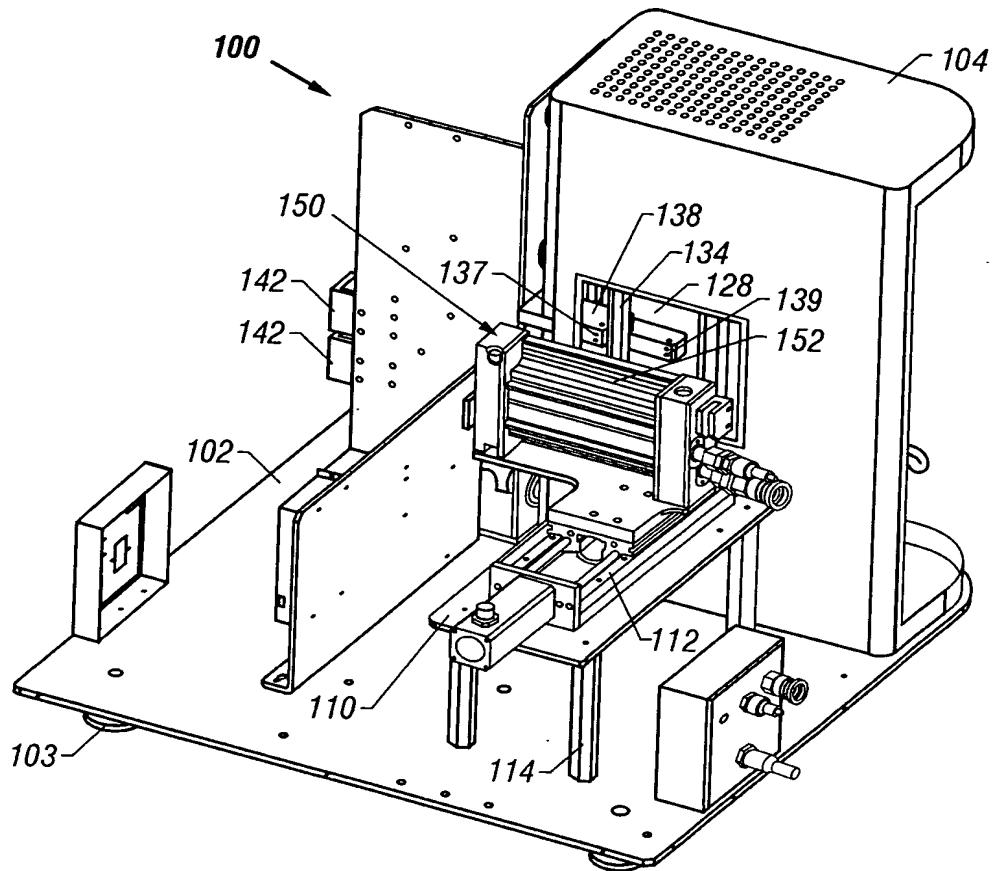


FIG. 2

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

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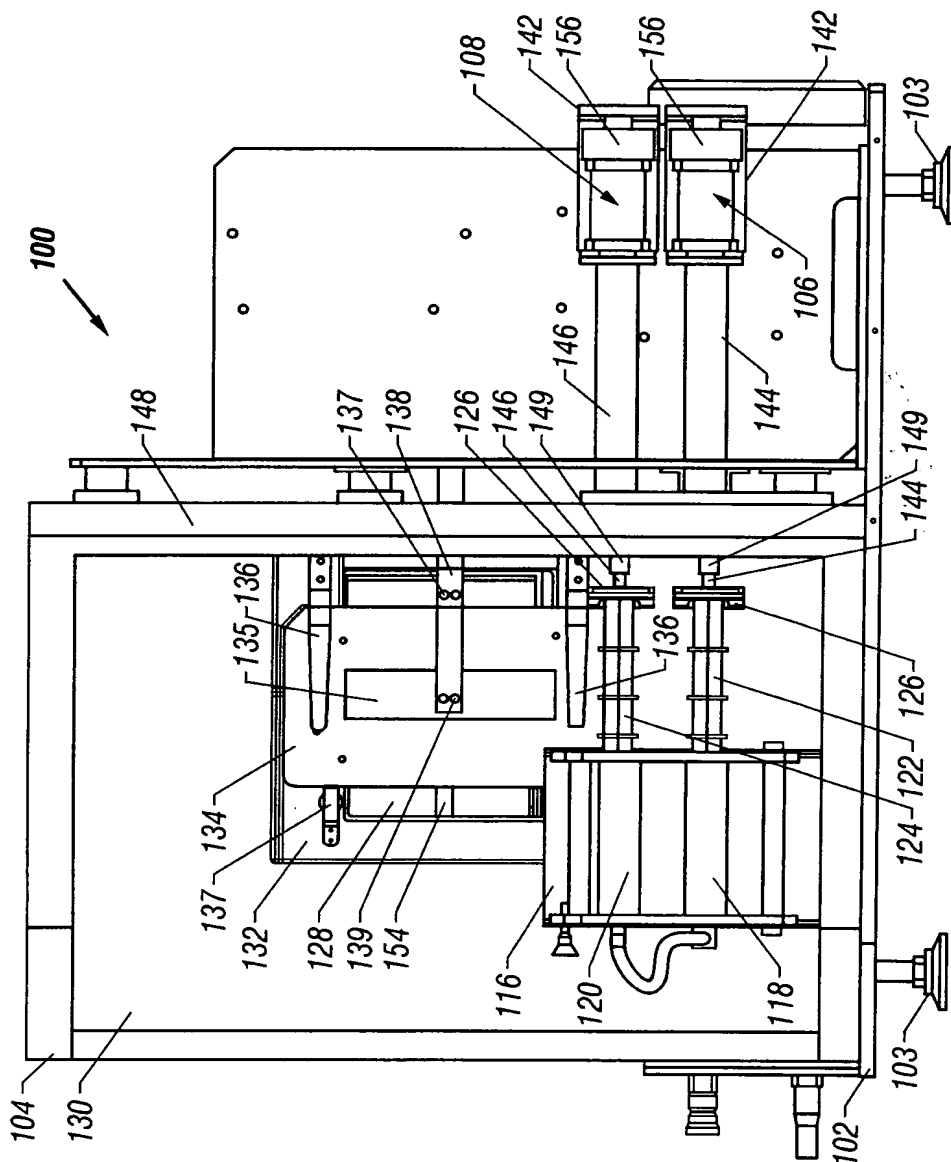


FIG. 3

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

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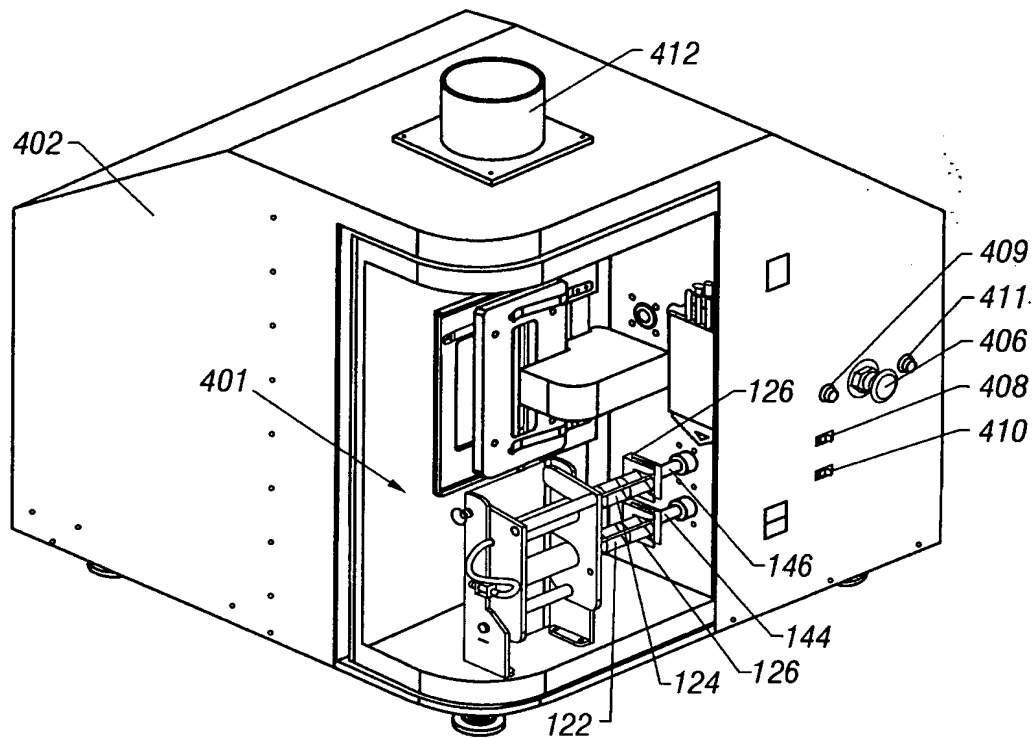


FIG. 4

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

5/20

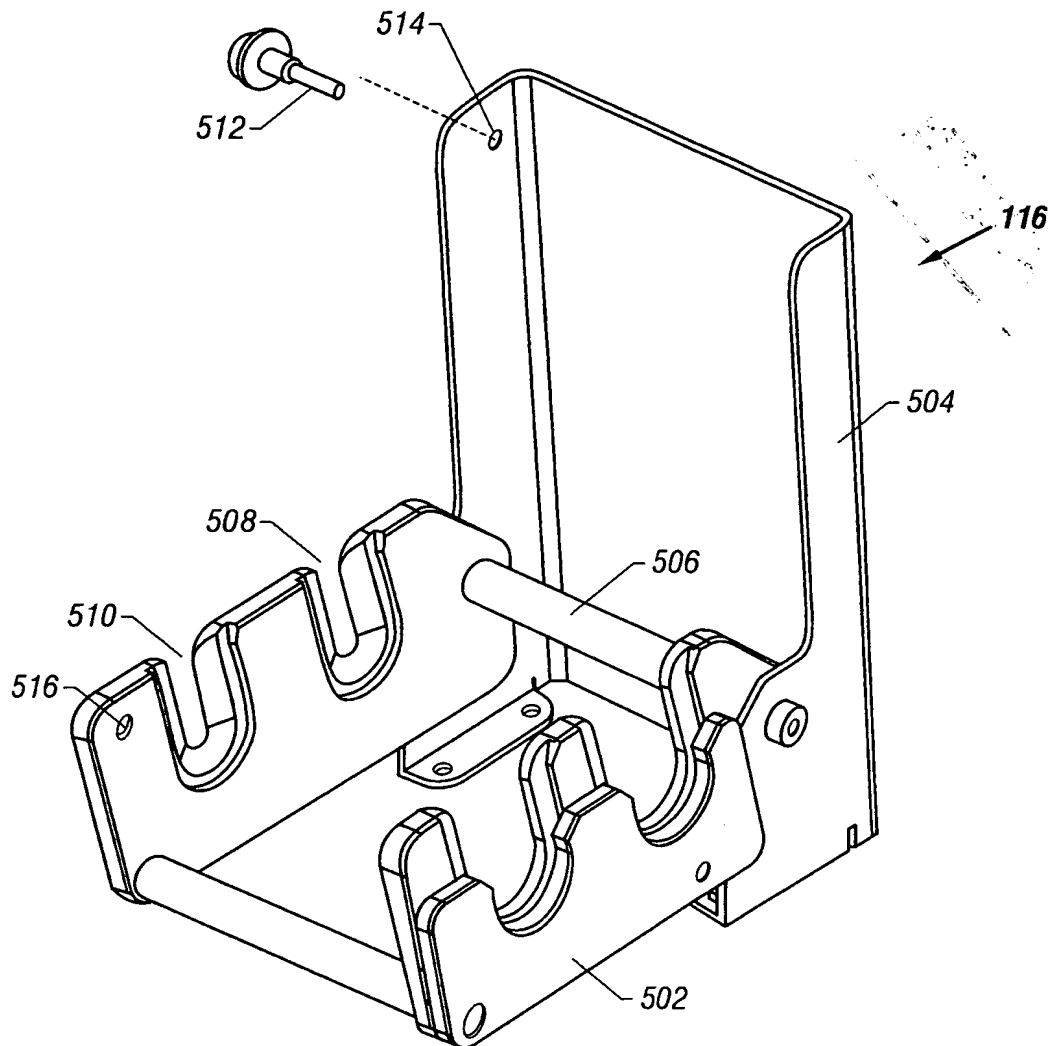


FIG. 5

6/20

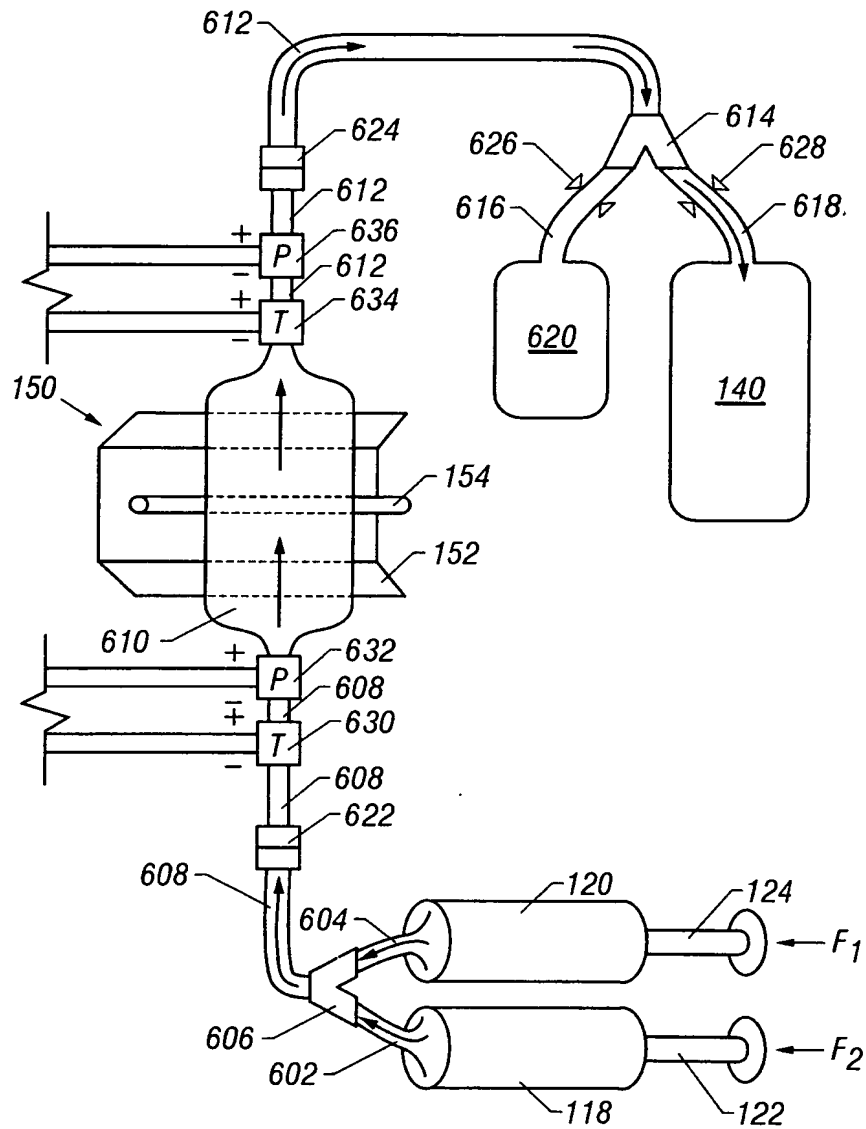


FIG. 6

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

7/20

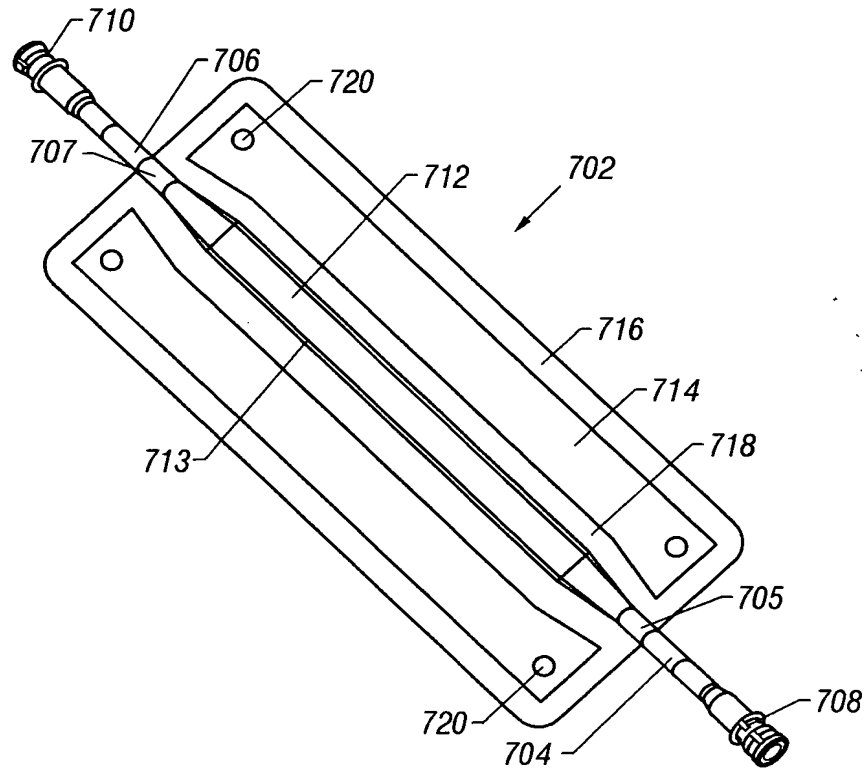


FIG. 7A

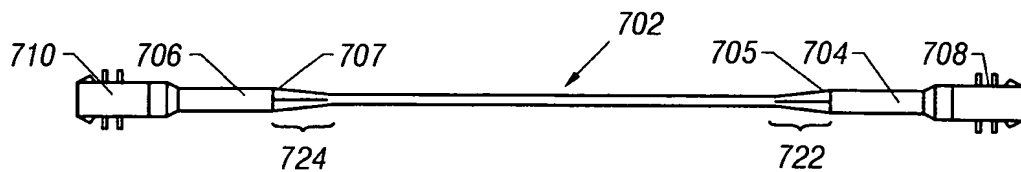


FIG. 7B

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

8/20

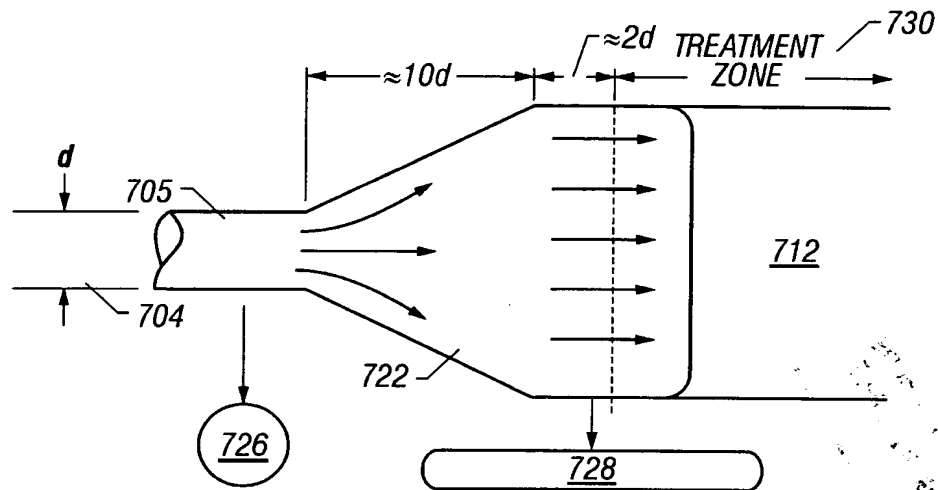


FIG. 7C

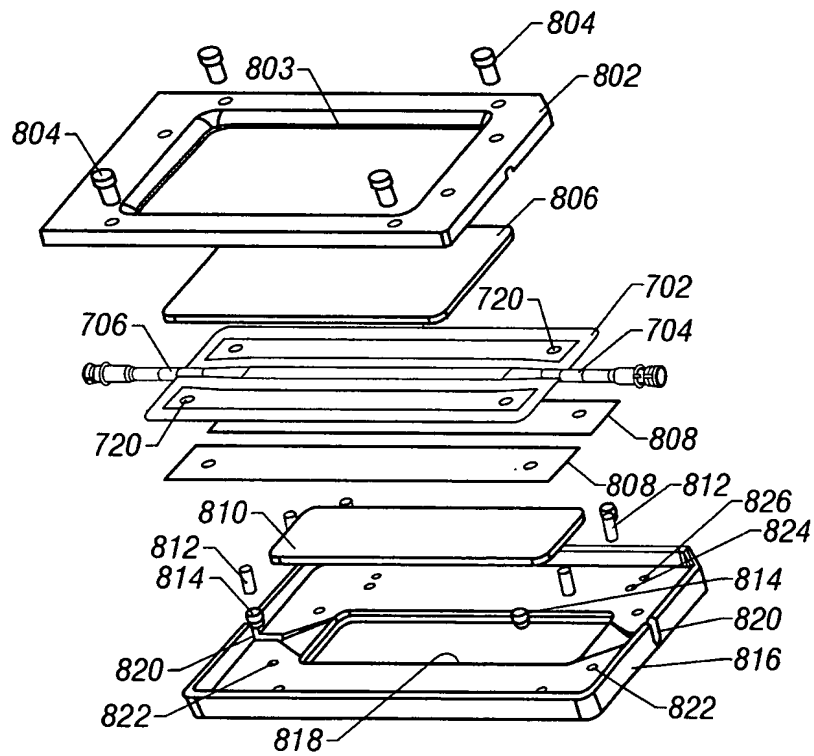


FIG. 8

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

9/20

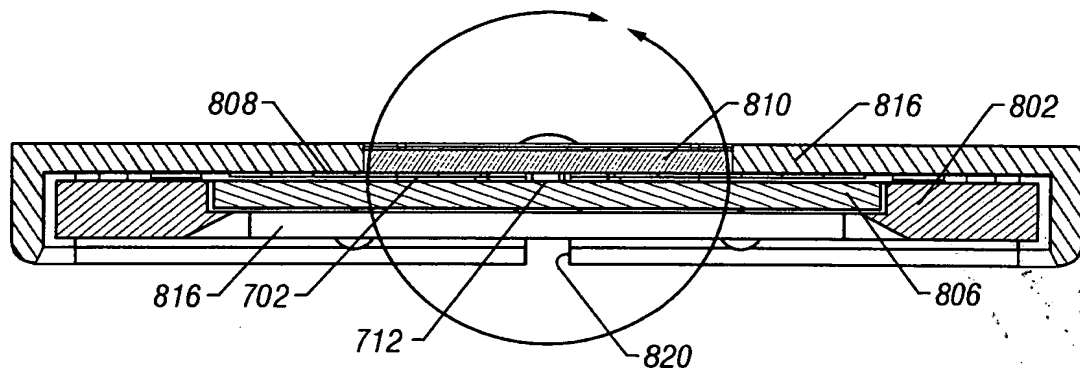


FIG. 9A

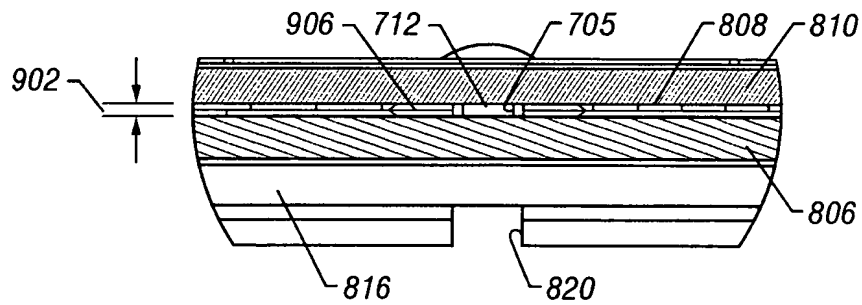


FIG. 9B

Inventor: Fries, et al.
Application No. 09/976,776 Attorney Docket No. 71715

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

10/20

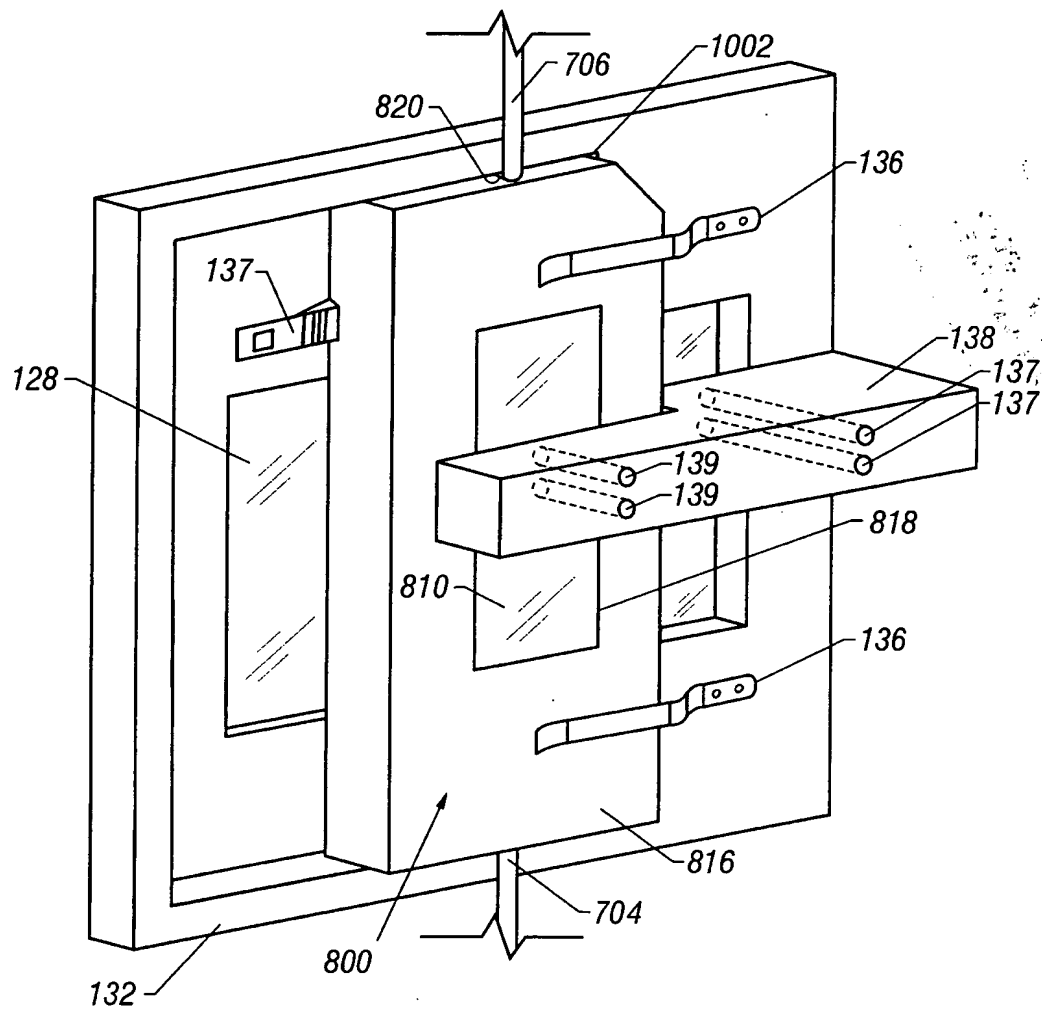


FIG. 10

Inventor: Fries, et al.
Application No. 09/976,776 Attorney Docket No. 71715

Application No. 09/976,776 Attorney Docket No. 71715

[illegible]

FIG. 11

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

12/20

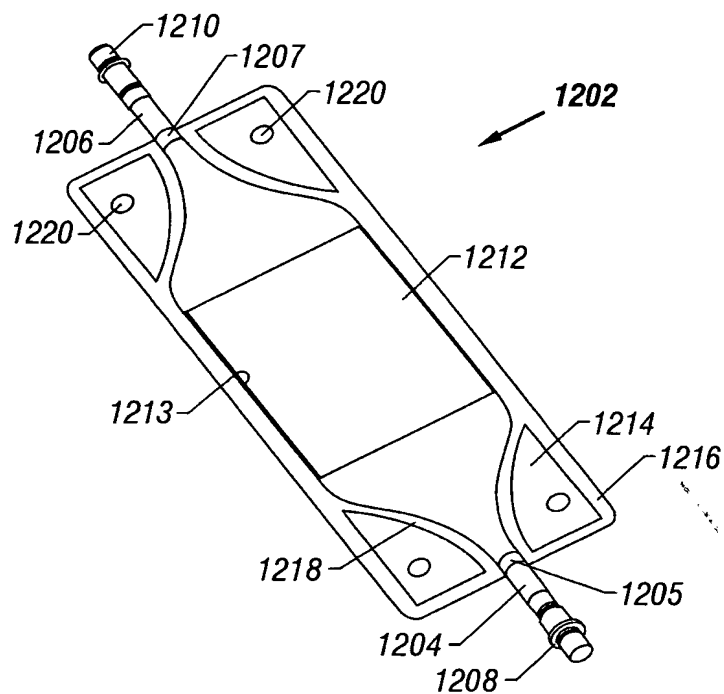


FIG. 12

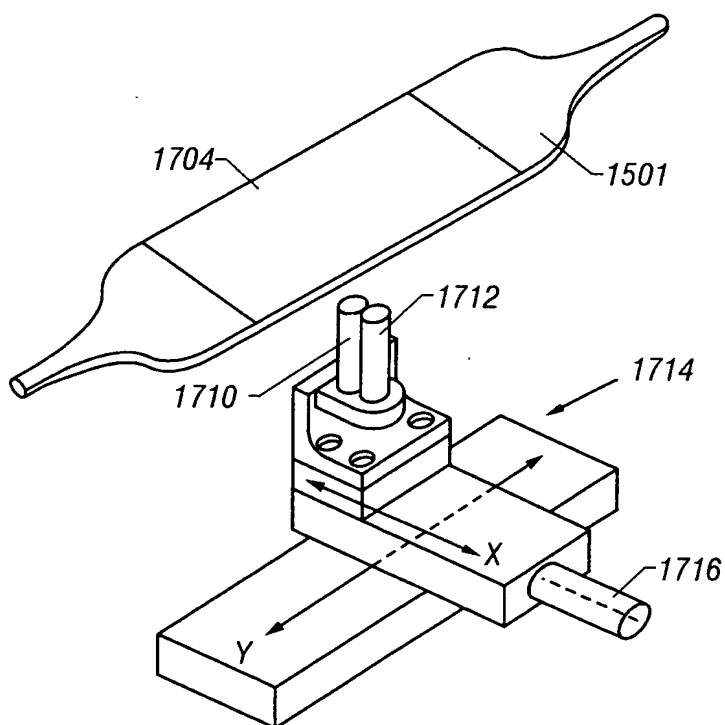


FIG. 17B

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

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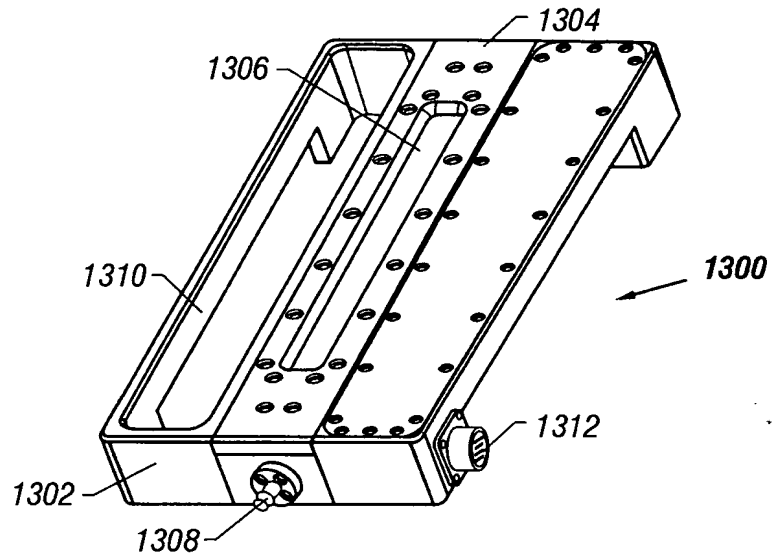


FIG. 13

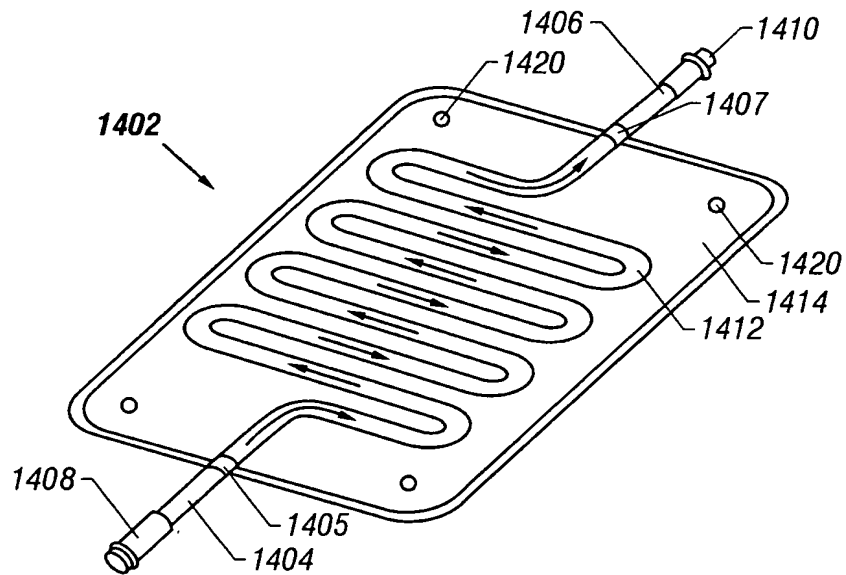


FIG. 14

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

14/20

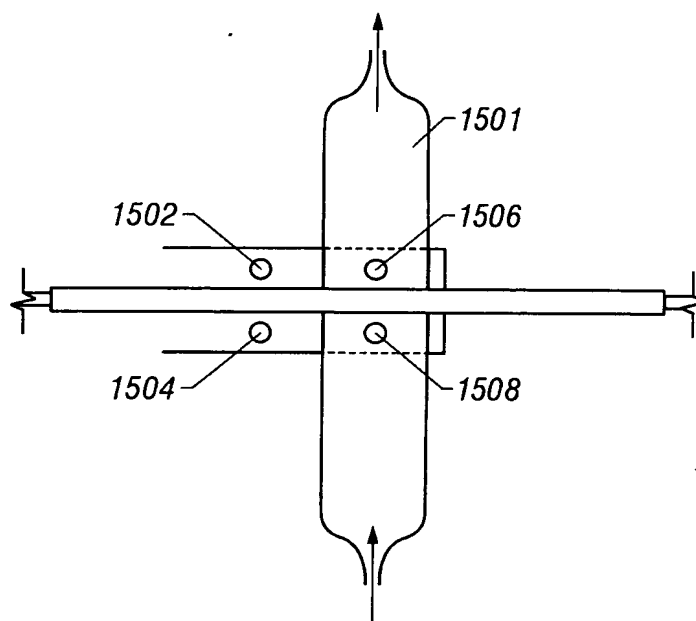


FIG. 15A

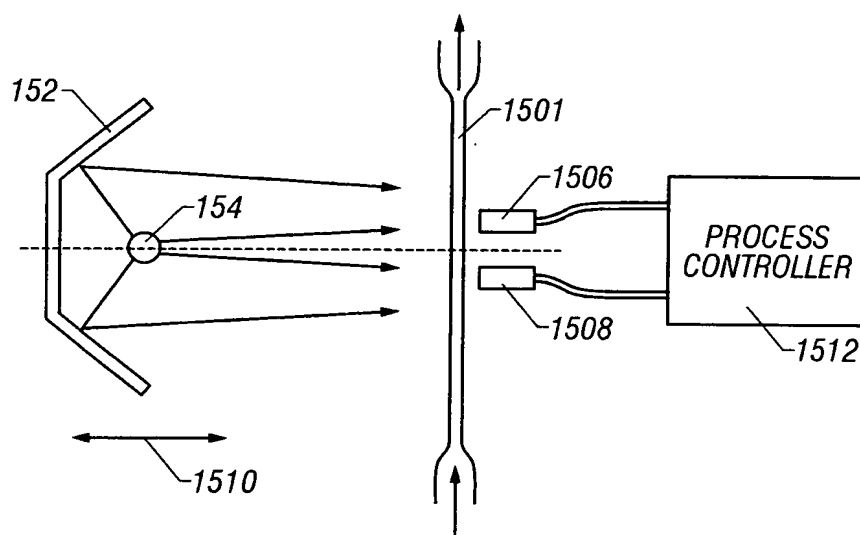


FIG. 15B

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

15/20

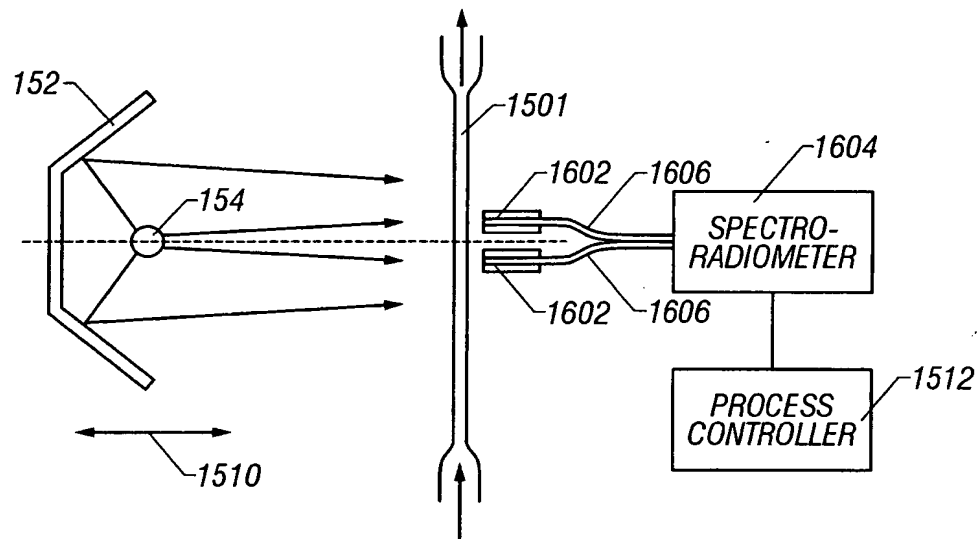


FIG. 16

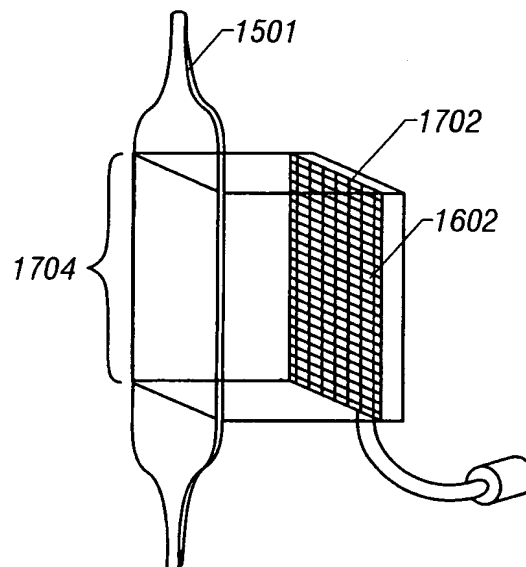


FIG. 17A

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

16/20

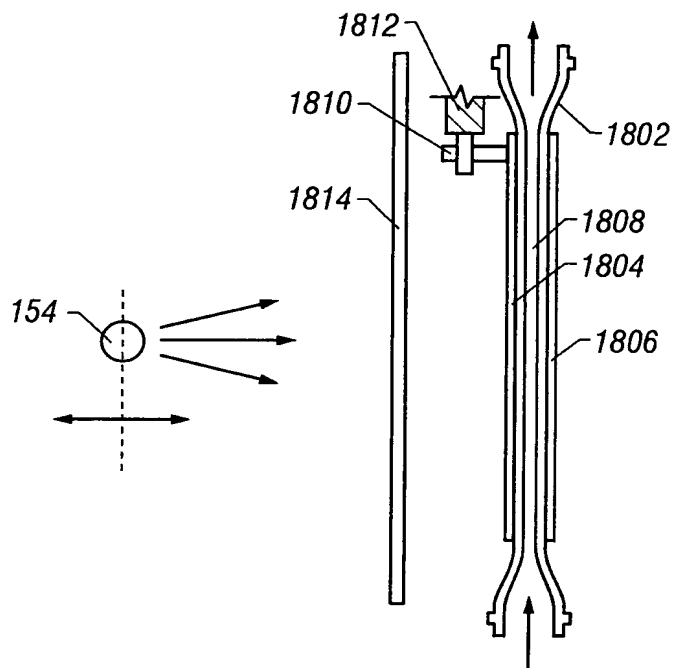


FIG. 18

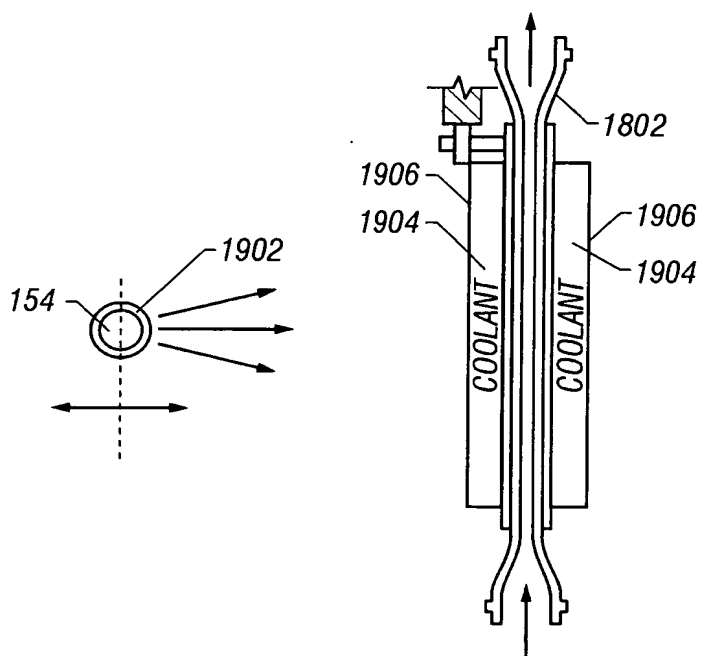


FIG. 19

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

17/20

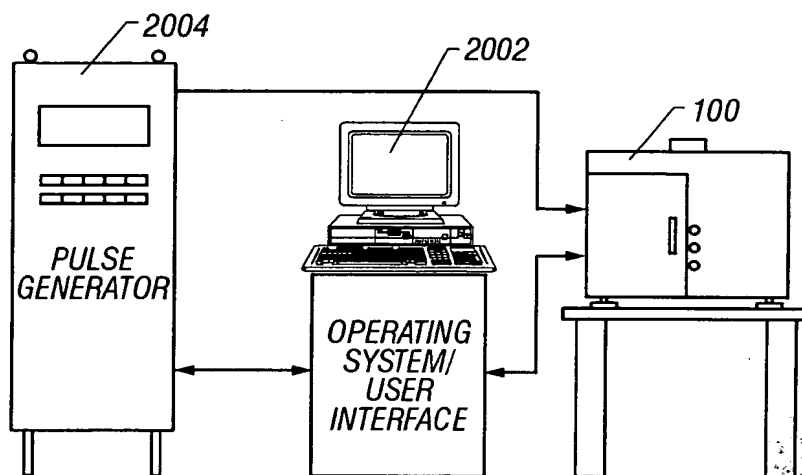


FIG. 20A

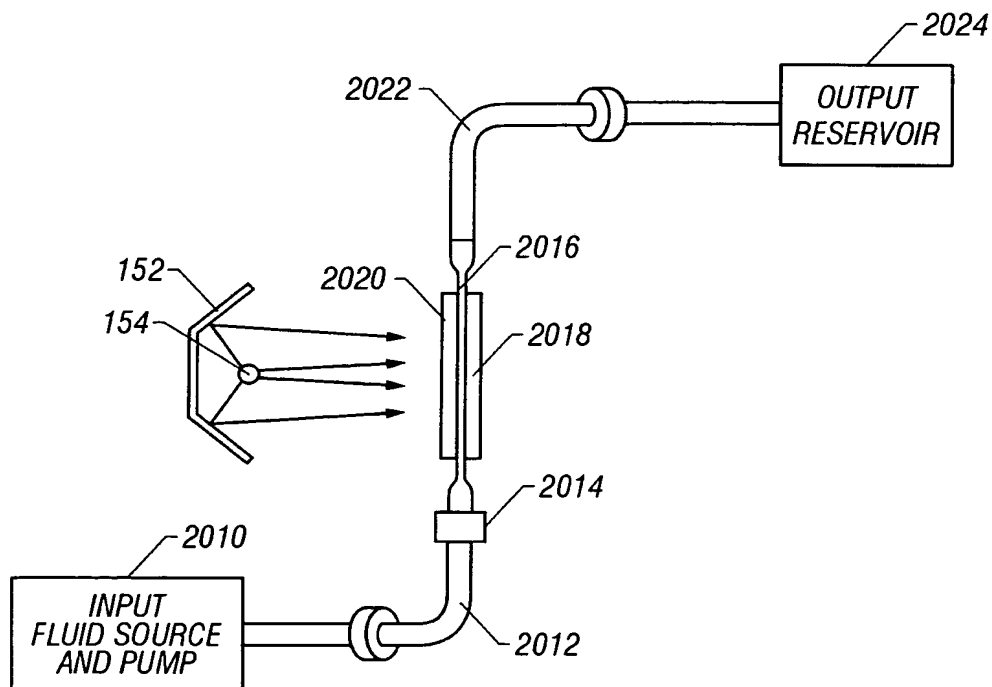


FIG. 20B

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

18/20

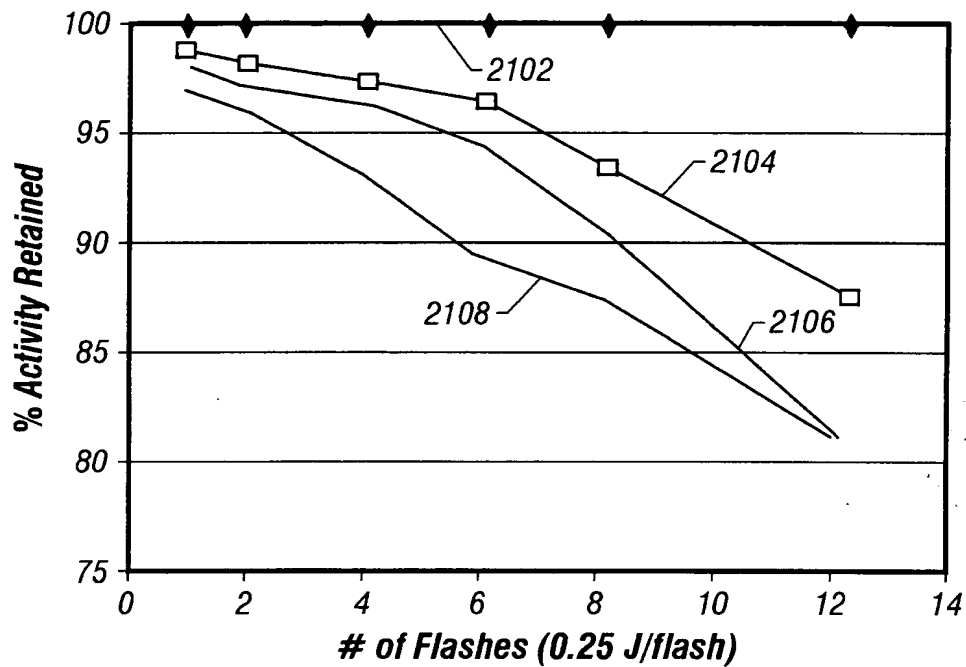


FIG. 21

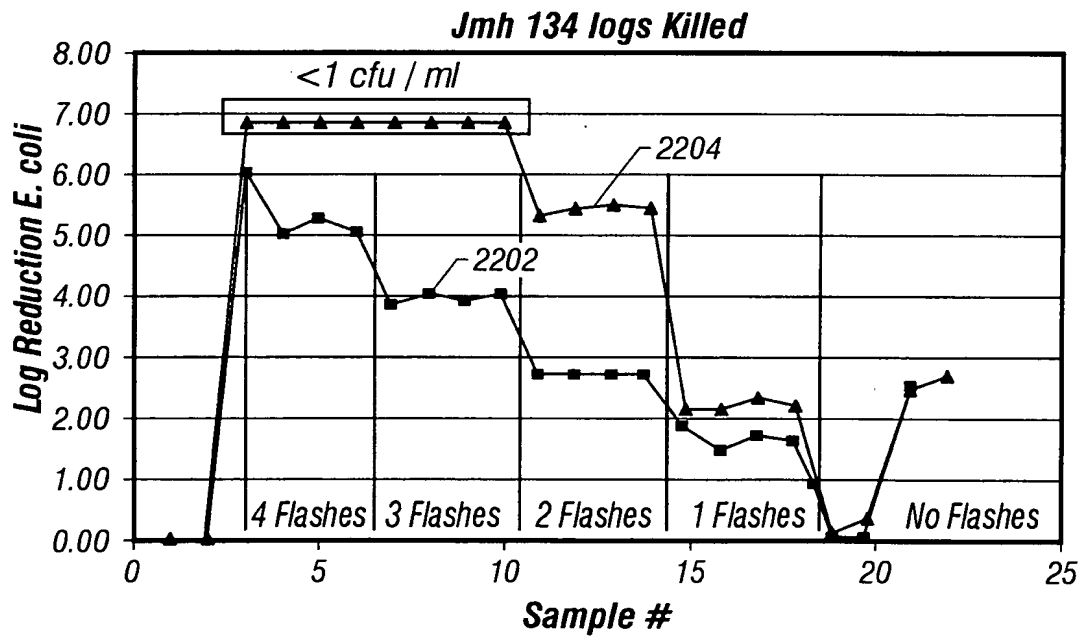


FIG. 22

Title: FLUID FLOW PATH FOR A FLUID TREATMENT SYSTEM USING LIGHT
FOR THE DECONTAMINATION OF FLUID PRODUCTS

Inventor: Fries, et al.

Application No. 09/976,776 Attorney Docket No. 71715

19/20

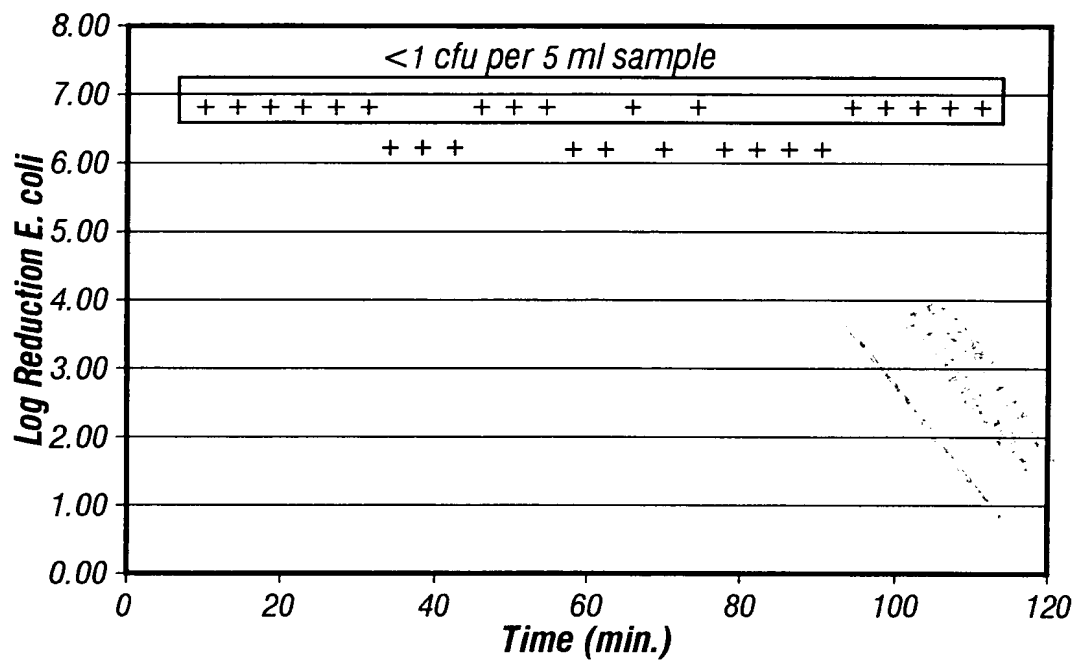


FIG. 23

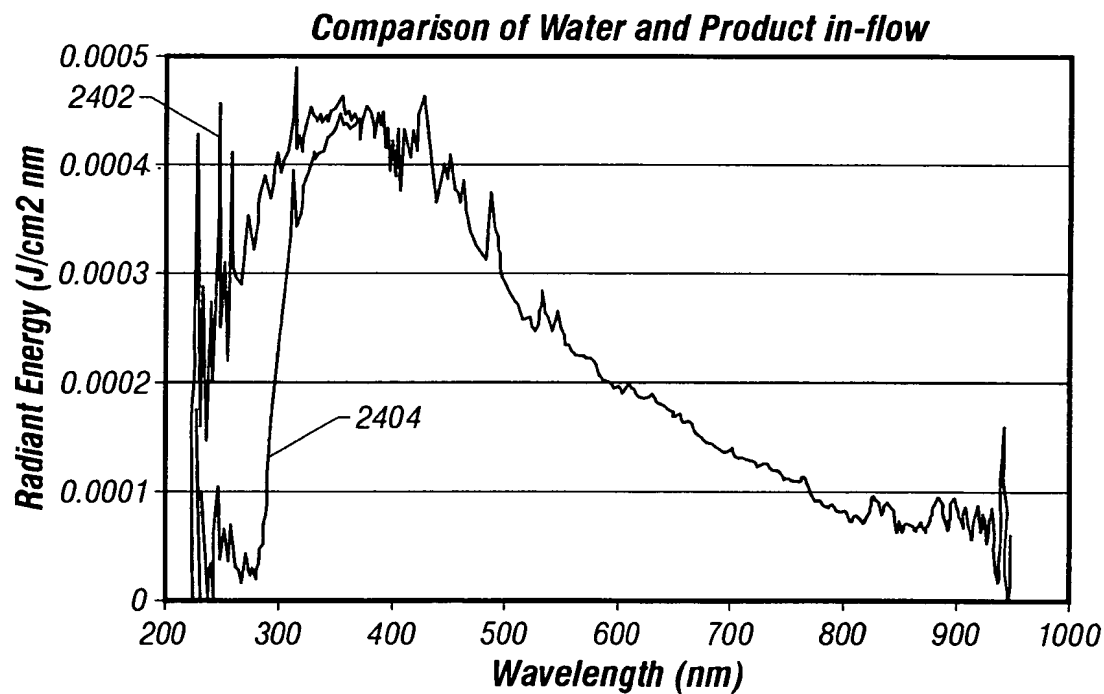


FIG. 24

20/20

Beta-GAL Protein Recovery in Water

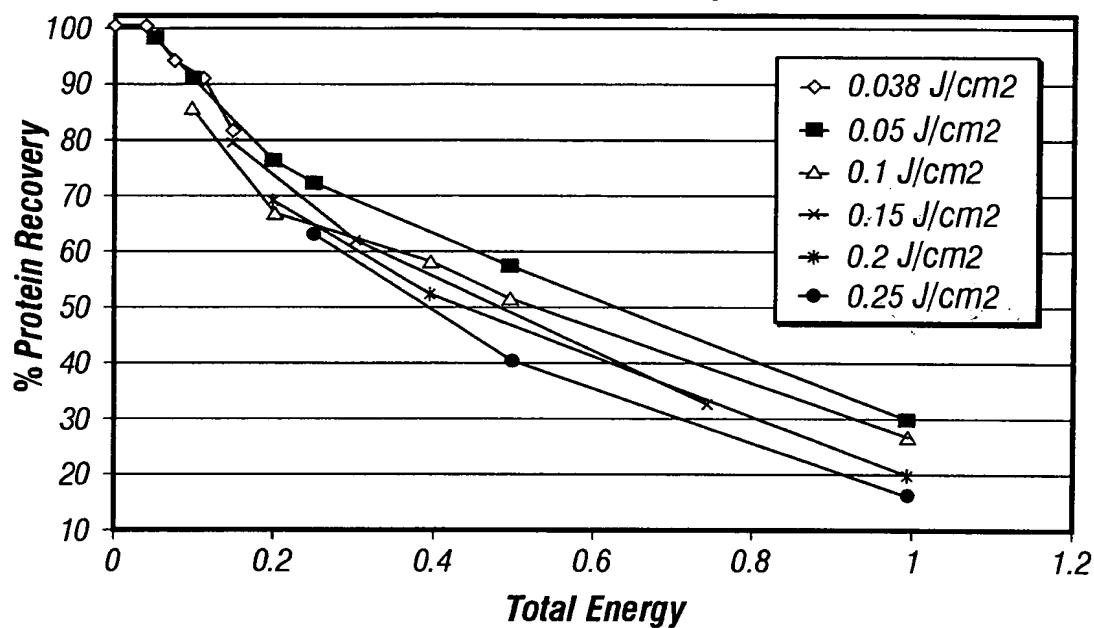


FIG. 25

Beta GAL BSPL Alone in 5mg/ml BSA

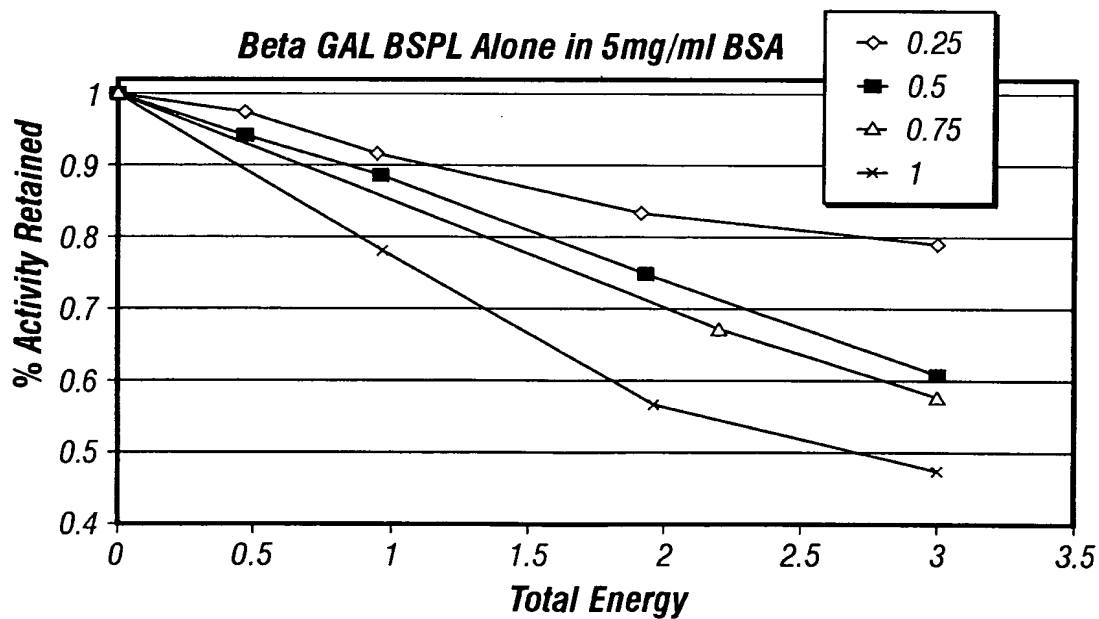


FIG. 26